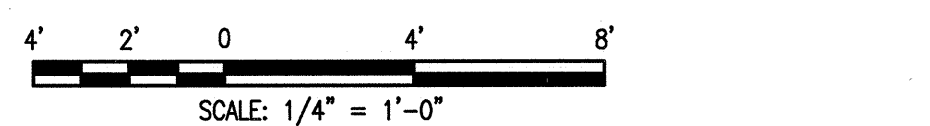


GENERAL NOTES:

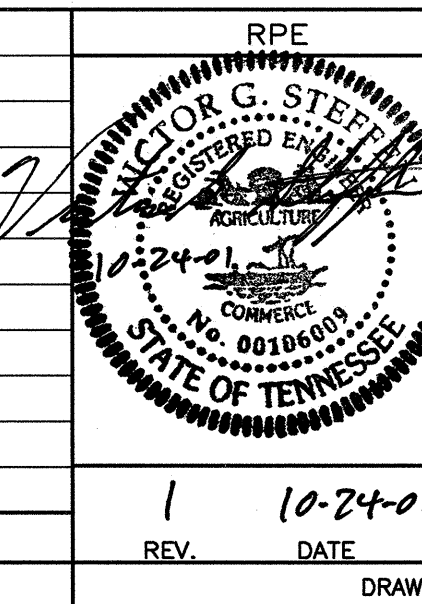
- NOT USED.
- ALL GROUNDING CONDUCTORS SHALL BE #4/0 STRANDED BARE COPPER (SBC), UNLESS NOTED OTHERWISE.
- ALL GROUND CONNECTIONS SHALL BE EXOTHERMIC.
- STUB-UP UNDERGROUND CONDUIT W/ GROUNDING BUSHING.
- INSTALL GROUND BAR ON COLUMNS AS SHOWN. GROUND STEEL COLUMN TO THE GROUND BAR. IF INSTALLED ON THE COLUMN, UNLESS SHOWN OTHERWISE, GROUND ALTERNATE STEEL COLUMN AND REBAR DIRECTLY TO GROUND GRID CONDUCTORS.
- LIGHTNING PROTECTION SYSTEM DOWN CONDUCTORS TO BE ATTACHED TO STRUCTURAL STEEL OR CONCRETE COLUMNS WITH UL LISTED CONNECTORS.
- IN EACH AREA CONTAINING ELECTRICAL EQUIPMENT, ACCESS TO THE GROUNDING SYSTEM MUST BE AVAILABLE EITHER FROM STRUCTURAL STEEL OR THE BUILDING GROUND GRID.
- ALL GROUND CONDUCTORS SHOWN WITHIN THE BUILDING ARE EMBEDDED IN THE FLOOR CONCRETE.



108030700-E8E-8700-A008	
	Knight Jacobs Joint Venture 701 Scarsboro Road, MS 8253 Oak Ridge, TN 37830 865-241-9433 fax 865-241-3400
KNIGHT Knight Advanced Technology	
Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, "Oak Ridge, Tennessee"	
PROJECT NAME: SPALLATION NEUTRON SOURCE	
TARGET BUILDING ELECTRICAL GROUNDING PLAN LEVEL B1, SECTOR 48	
1 3	48 X
49 X	50 X
51 NC	52 NA
53 NA	54 NA
PLANT 8	BLDG 8700
FL B1	SH. 1
OF 1	TYPE P
CLASS U	REV 1
WBS 1.8.3.7	
E7.B1.48	

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SECTION AND DETAIL KEY		

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1	4/13/01	CERTIFIED FOR CONSTRUCTION - 10/26/01		HG	VGS																						
0	4/18/01	SUBSTRUCTURES CERTIFIED FOR CONSTRUCTION - 4/18/01		HG	VGS																						
REVISION OR ISSUE PURPOSE																											
REVISION APPROVALS																											
SQUAD CHECK																											
DRAWING APPROVALS																											



DSN	H GROVER	4/13/01
DRW	L MAKOVSKY	4/13/01
CHK	V STEFFEN	4/13/01
DEPT		
PE	C.L. GARREN	4/18/01
PJ	R.A. DEAN	4/18/01
REQ		
UTB	J.R. LAWSON	4/19/01